INDEX TO VOLUME XXX

Adams, R. A. and Fournier, J. J. F. *Real interpolation of Sobolev spaces on subdomains of R^n*, 190–214

Alex, Leo J. and Morrow, Dean C. *Index four simple groups*, 1–21

Amar, Eric *Suites d'interpolation pour les classes de Bergman de la boule et du polydisque de C^n*, 711–737

Andersen, David F. *Subrings of $K[X, Y]$ generated by monomials*, 215–224

Andrews, Peter and Arkowitz, Martin *Sullivan's minimal models and higher order Whitehead products*, 961–982

Arkowitz, Martin and Andrews, Peter *Sullivan's minimal models and higher order Whitehead products*, 961–982

Armacost, D. L. and Armacost, W. L. *Uniqueness in structure theorems for LCA groups*, 593–599

Balser, W., Jurkat, W. B. and Peyerimhoff, A. *On linear functionals and summability factors for strong summability*, 983–996

Behrens, Ernst August *Formal power series over commutative N-algebras*, 66–84

Bell, Murray G. *A cellular constraint in supercompact Hausdorff spaces*, 1144–1151

Benabdallah, Khalid and Wilson, Robert *Thick groups and essentially finitely indecomposable groups*, 650–654

Berg, I. D. *Index theory for perturbations of direct sums of normal operators and weighted shifts*, 1152–1165

Berman, Gerald *Families of generalized weighted matrices*, 1016–1028

Bernier, C. and Manitius, A. *On semigroups in $R^n \times L^p$ corresponding to differential equations with delays*, 897–914

Borwein, D. and Gawronski, W. *On certain sequences of plus and minus ones*, 170–179

Broverman, S., Ginsburg, J., Kunen, K. and Tall, F.D. *Topologies determined by σ-ideals on ω_1*, 1306–1312

Brown, R. C. *Differential operators with abstract boundary conditions*, 262–288

Brown, W. C. *Higher derivations and tensor products of commutative rings*, 401–418

Brungs, H. H. and Törner, G. *Embedding right chain rings in chain rings*, 1079–1086

Bruns, Günter *A finiteness criterion for orthomodular lattices*, 315–320

Bucchioni, D. and Goldman, A. *Sur la convergence presque partout des suites de fonctions mesurables*, 638–649

Buchsbaum, David A. *Generic free resolutions II*, 549–572

Callahan, T. *Some orbital integrals and a technique for counting representations of $GL_3(F)$*, 431–448

Chacron, M. *A commutativity theorem for rings with involution*, 1121–1143

Chacron, M. *Lie action of certain skews in *-rings*, 700–710

Chapman, T. A. *Constructing locally flat embeddings of infinite dimensional manifolds without tubular neighbourhoods*, 1174–1182

Cook, H. and Lelek, A. *Weakly confluent mappings and atriodic Suslinian curves*, 32–44

Cross, George *Additivity of the P^m-integral*, 783–796

Davis, Donald M. *The BP-coaction for projective spaces*, 45–53

Djoković, Dragomir Ž. *Derivations and automorphisms of exterior algebras*, 1336–1344

Dlab, Vlastimil and Ringel, Claus Michael *Real subspaces of a quaternion vector space*, 1228–1242

Dubinsky, Ed and Mitiagin, Boris *Quotient spaces without bases in nuclear Fréchet spaces*, 1295–1305
Duffus, D., Jonsson, B. and Rival, I. *Structure results for function lattices*, 392–400
Duffus, Dwight and Rival, Ivan *A logarithmic property for exponents of partially ordered sets*, 797–807

Ebert, Gary L. *Blocking sets in projective spaces*, 856–862
Ebert, Gary L. *Maximal strictly partial spreads*, 483–489

Faber, V., Laver, R. and McKenzie, R. *Coverings of groups by abelian subgroups*, 933–945
Farnum, Nicholas and Whitley, Robert *Functionals on real C(S)*, 490–498
Faulkner, G. D. and Shonkwiler, R. W. *Cosine representations of abelian *-semigroups and generalized cosine operator functions*, 474–482
Fawcett, Barry *On infinite full colourings of graphs*, 455–457
Feit, Walter and Tits, Jacques *Projective representations of minimum degree of group extensions*, 1092–1102
Feustel, C. D. and Whitten, Wilbur *Groups and complements of knots*, 1284–1295
Fialkow, Lawrence A. *A note on unitary cross sections for operators*, 1215–1227
Filippenko, Ivan; Moyls, Benjamin N. and Marcus, Marvin *Normality and the higher numerical range*, 419–430
Fischer, Klaus G. *The decomposition of the module of n-th order differentials in arbitrary characteristic*, 512–517
Fohles, Stephane and Singhi, Navin M. *Regular representation of finite groups by hypergraphs*, 946–960
Fournier, J. J. F. and Adams, R. A. *Real interpolation of Sobolev spaces on subdomains of R^n*, 190–214
Freud, G., Giroux, A. and Rahman, Q. I. *Sur l'approximation polynomiale avec poids* $\exp(-|x|)$, 358–372
Friberg, Bjorn *The stable homeomorphism conjecture in dimension four—an equivalent conjecture*, 237–242
Fridy, J. A. *Minimal rates of summability*, 808–816

Gawronski, W. and Borwein, D. *On certain sequences of plus and minus ones*, 170–179
Ginsburg, J., Broverman, S., Kunen, K. and Tall, F. D. *Topologies determined by σ-ideals on* ω_1, 1306–1312
Giroux, A., Freud, G. and Rahman, Q. I. *Sur l'approximation polynomiale avec poids* $\exp(-|x|)$, 358–372
Goldman, A. and Bucchioni, D. *Sur la convergence presque partout des suites de fonctions measurables*, 638–649
Green, Edward L. *Frobenius algebras and their quivers*, 1029–1046
Greenfield, Gary R. *A note on subnormal subgroups of division algebras*, 161–163
Grispolakis, Joachim *Confluent and related mappings defined by means of quasi-components*, 112–132

Hahn, Kyong T. *Geometry on the unit ball of a complex Hilbert space*, 22–31
Hambleton, I. and Milgram, R. J. *Poincaré transversality for double covers*, 1319–1330
Har'El, Zvi, *Harmonic mappings of negatively curved manifolds*, 631–637
Hartley, Richard and Murasugi, Kunio *Homology invariants*, 655–670
Hazewinkel, Michiel and van de Vel, Marcel *On almost fixed point theory*, 673–699
Hickin, K. K. and Phillips, R. E. *Non-isomorphic Burnside groups of exponent* p^5, 180–189
Hodel, R. E. *The number of closed subsets of a topological space*, 301–314

Isbell, J. R., Klun, M. I. and Schanuel, S. H. *Affine parts of algebraic theories, II*, 231–237

Johnson, P. D. and Mohapatra, R. N. *A Hardy-Davies-Petersen inequality for a class of matrices*, 458–465
Jonsson, B., Rival, I. and Duffus, D. *Structure results for function lattices*, 392–400

Joseph, James E. *Characterizations of completely Hausdorff-closed spaces via graphs and projections*, 154–610
Jurkat, W. B. and Balser, W. *On linear functionals and summability factors for strong summability*, 983–996

Kalton, N. J. and Wood, G. V. *Norm decreasing homomorphisms between ideals of $LP(G)$*, 102–111
Kan, Charn-Huen *Ergodic properties of Lamperti operators*, 1206–1214
Kannan, V. and Rajagopalan, M. *Construction and applications of rigid spaces, III*, 926–932
Kerman, R. A. *Boundedness criteria for generalized Hankel conjugate transformations*, 147–153
Khurana, Surjit Singh *Strict topology on paracompact locally compact spaces: Corrigendum*, 671
Kirwan, W. E. and Pell, R. W. *A note on a class of slit conformal mappings*, 1166–1173
Kleinstein, Jerrold L. and Rosenberg, Alex *Signatures and semi-signatures of abstract Witt rings and Witt rings of semilocal rings*, 872–895
Klun, M. L., Schanuel, S. H. and Isbell, J. R. *Affine parts of algebraic theories, II*, 231–237
Koblitz, Neal and Rohrlich, David *Simple factors in the Jacobian of a Fermat curve*, 1183–1205
Krause, Gunter and Teply, Mark L. *The transfer of the Krull dimension and the Gabriel dimension to subidealizers: Erratum*, 672
Kronstadt, Eric P. *Analytic structures for H^∞ of certain domains in C^n*, 863–871
Kunen, K., Broverman, S., Ginsburg, J. and Tall, F. D. *Topologies determined by σ-ideals on ω_1*, 1306–1312

Labuda, Iwo *Discrete copies of rings of sets in groups and Orlicz-Pettis theorems*, 748–755
Lanski, Charles *Invariant subrings in rings with involution*, 83–94
Laver, R., Faber, V. and McKenzie, R. *Coverings of groups by abelian subgroups*, 933–945
Lee, S. J. *Perturbation of direct sum differential operators*, 600–630
Lelek, A. and Cook, H. *Weakly confluent mappings and atriodic Suslinian curves*, 32–44
Linder, C. C. and Rosa, A. *Steiner triple systems having a prescribed number of triples in common: Corrigendum*, 896

Maher, David P. *Lee polynomials of codes and theta functions of lattices*, 738–747
Manitius, A. and Bernier, C. *On semigroups in $R^n \times L^p$ corresponding to differential equations with delays*, 897–914
Marcus, Marvin, Moyls, Benjamin N. and Filippenko, Ivan *Normality and the higher numerical range*, 419–430
Mathon, Rudolf *Symmetric conference matrices of order $pq^2 + 1$*, 321–331
Matthiessen, Günter *Regular and strongly finitary structures over strongly algebroidal categories*, 250–261
Maxwell, George *The space groups of two dimensional Minkowski space*, 1103–1121
McKenzie, R., Faber, V. and Laver, R. *Coverings of groups by abelian subgroups*, 933–945
Meir, A. and Moon, J. W. *On the altitude of nodes in random trees*, 997–1015
Milgram, R. J. and Hambleton, I. *Poincaré transversality for double covers*, 1319–1330
Miller, H. D. B. *An extrapolation theorem for positive operators*, 225–230
Mitiagin, Boris and Dubinsky, Ed *Quotient spaces without bases in nuclear Fréchet spaces*, 1296–1305
Mohapatra, R. M. and Johnson, P. D. *A Hardy-Davies-Petersen inequality for a class of matrices*, 458–465
Montgomery, Susan *Invariant subgroups in rings with involution*, 350–357
Moon, J. W. and Meir, A. *On the altitude of nodes in random trees*, 997–1015
Morin-Strom, Karl A. *A Witt theorem for non-defective lattices*, 499–511
Morrow, Dean C. and Alex, Leo J. *Index four simple groups*, 1–21
Moyls, Benjamin N.; Filippenko, Ivan and Marcus, Marvin *Normality and the higher numerical range*, 419–430
Murase, Ichiro *A condition for Artinian rings to be Noetherian*, 830–837
Murasugi, Kunio and Hartley, Richard *Homology invariants*, 655–670

Nagel, Alexander and Rudin, Walter *Local boundary behaviour of bounded holomorphic functions*, 583–592
Neumann, B. H. *Some group presentations*, 838–850
Newman, Morris *Combinatorial matrices with small determinants*, 736–782

Pell, R. W. and Kirwan, W. E. *A note on a class of slit conformal mappings*, 1166–1173
Peyerimhoff, A., Balser, W. and Jurkat, W. B. *On linear functionals and summability factors for strong summability*, 983–996
Phillips, R. E. and Hickin, K. K. *Non-isomorphic Burnside groups of exponent p^3*, 180–189
Phillips, Thomas M. *Centered bases, nested bases and completability of Aronszajn spaces*, 1331–1335
Platzeck, Maria Ines *On algebras stably equivalent to an hereditary Artin algebra*, 817–829
Promislow, David *Dimension of null spaces with applications to group rings*, 289–300

Rabe, M. *Relatively finitely determined implies relatively very weak Bernoulli*, 531–548
Rahman, Mizan *A generalization of Gasper's kernel for Hahn polynomials: application to Pollaczek polynomials*, 133–146
Rahman, Q. I., Giroux, A. and Freud, G. *Sur l'approximation polynomiale avec poids* $\exp(-|x|)$, 358–372
Rahman, Q. I. and Seynal, J. *On some classes of univalent polynomials*, 332–349
Rains, M. *On the upper majorant property for locally compact abelian groups*, 915–925
Rajagopalan, M. and Kannan, V. *Construction and applications of rigid spaces, III*, 926–932
Ratliff Jr., L. J. *Notes on local integral extension domains,*, 95–101
Rigo, Thomas and Warner, Seth *Topologies extending valuations*, 164–169
Ringel, Claus Michael and Dlab, Vastimil *Real subspaces of a quaternion vector space*, 1228–1242
Rival, I., Duffus, D. and Jonsson, B. *Structure results for function lattices*, 392–400
Rival, Ivan and Duffus, Dwight *A logarithmic property for exponents of partially ordered sets*, 797–807
Rival, Ivan and Sands, Bill *Planar sublattices of a free lattice, I*, 1256–1283
Roberts, James W. *The embedding of compact convex sets in locally convex spaces*, 449–454
Rohrlich, David and Koblitz, Neal *Simple factors in the Jacobian of a Fermat curve*, 1183–1205
Rosa, A. and Lindner, C. C. *Steiner triple systems having a prescribed number of triples in common: Corrigendum*, 896
Rosenberg, Alex and Kleinstein, Jerrold L. *Signatures and semi-signatures of abstract Witt rings and Witt rings of semilocal rings*, 872–895
Roth, Alice *Uniform approximation by meromorphic functions on closed sets with continuous extension into the boundary*, 1243–1255
Rudin, Walter and Nagel, Alexander *Local boundary behaviour of bounded holomorphic functions*, 583–592

Sands, Bill and Rival, Ivan *Planar sublattices of a free lattice, I*, 1256–1283
Schanuel, S. H., Isbell, J. R. and Klun, M. I. *Affine parts of algebraic theories, II*, 231–237
Shapiro, H. L. and Smith, F. A. *Even covers and collectionwise normal spaces*, 466–473
Shonkwiler, R. W. and Faulkner, G. D. *Cosine representations of abelian *-semigroups and generalized cosine operator functions*, 474–482
Simon, Udo *Curvature bounds for the spectrum of closed Einstein spaces*, 1087–1091
Singhi, Navin, M. and Foldes, Stephane *Regular representation of finite groups by hypergraphs*, 946–960
Smith, F. A. and Shapiro, H. L. *Even covers and collectionwise normal spaces*, 466–473
Snaith, Victor *On the homology of the general linear groups over $Z/4$*, 851–855
Sultan, Alan *Measure, compactification and representation*, 54–65
Seynal, J. and Rahman, Q. I. *On some classes of univalent polynomials*, 322–349

Tall, F. D., Broverman, S., Ginsburg, J. and Kunen, K. *Topologies determined by σ-ideals on ω_1*, 1306–1312

GENERAL ELECTRIC CO.
79 107RA 2 013 1 S
QUALITY CONTROL MARK

Thomas, Marc P. *Automatic continuity for linear functions intertwining continuous linear operators on Fréchet spaces*, 518–530

Tits, Jacques and Feit, Walter *Projective representations of minimum degree of group extensions*, 1092–1102

Törner, G. and Brungs, H. H. *Embedding right chain rings in chain rings*, 1079–1086

van de Vel, Marcel and Hazewinkel, Michiel *On almost fixed point theory*, 673–699

Vaughan, N. H. and Yeagy, R. W. *Factoring ideals into semiprime ideals*, 1313–1318

Warner, Seth and Rigo, Thomas *Topologies extending valuations*, 164–169

Weiss, William *Countably compact spaces and Martin's axiom*, 243–249

Whitehead, Jennifer *On certain properties of subnormal subgroups*, 573–582

Whitley, Robert and Farnum, Nicholas *Functionals on real C(S)*, 490–498

Whitten, Wilbur and Feustel, C. D. *Groups and complements of knots*, 1284–1295

Wilson, Robert and Benabdallah, Khalid *Thick groups and essentially finitely indecomposable groups*, 650–654

Wilson, Stephen E. *Rieman surfaces over regular maps*, 763–782

Wood, G. V. and Kalton, N. J. *Norm decreasing homomorphisms between ideals of $L^p(G)$*, 102–111

Yeagy, R. W. and Vaughan, N. H. *Factoring ideals into semiprime ideals*, 1313–1318

Zimmer, Robert J. *Continuous ergodic extensions and fibre bundles*, 373–391